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State of Utah

DEPARTMENT OF NATURAL RESOURCES

Division of Oil, Gas & Mining

MICHAEL R. STYLER
Executive Director

JOHN R. BAZA
Division Director

Inspection Report

Minerals Regulatory Program

Report Date: August 16, 2007

Supervisor DW7

Mine Name: Bingham Canyon
Operator Name: Kennecott Utah Copper

Permit number: M/035/002
Inspection Date: 08/10/2007
Time: 10-11:30 AM

Inspector(s): Tom Munson, Beth Ericksen, Daron Haddock

Other Participants: Rod Dansie

Mine Status: Active

Weather:

Elements of Inspection	Evaluated	Comment	Enforcement
1. Permits, Revisions, Transfer, Bonds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Public Safety (shafts, adits, trash, signs, highwalls)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Protection of Drainages / Erosion Control	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Deleterious Material	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Roads (maintenance, surfacing, dust control, safety)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Concurrent Reclamation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Backfilling/Grading (trenches, pits, roads, highwalls, shafts, drill holes)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. Water Impoundments	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Soils	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Revegetation	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Air Quality	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Purpose of Inspection:

To determine the impacts to Mr. Rod Dansie's farm from Butterfield Canyon during a storm event which occurred on July 26, 2007 and July 27, 2007

Directions to Site:

We met at Mr. Dansie's house at 9:30 AM and traveled to his farm to see the site where water from Butterfield creek was deposited on his farm.

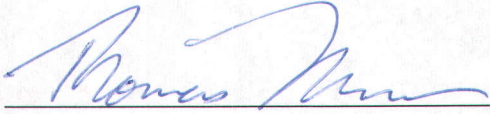
Inspection Summary:

Mr. Dansie showed us his field and pointed out where he felt the sediment had deposited. We then traveled to the location of the main irrigation pipe and examined the current water flow both in the pipebox and upstream in an open ditch. There was no evidence of sediment laden water at the time of inspection. There was no evidence of past deposition in the ditch or pipe. It appears what sediment laden water did make it's way to Mr. Dansie's field was more clay sized particles carried in suspension. Mr. Dansie told us that soil samples were taken by Kennecott on Mr. Dansie's field and showed evidence of the dump material being deposited on Mr. Dansie's land.

Conclusions and Recommendations:

This was a follow-up inspection to observe off site impacts, specifically related to Mr. Dansie's compliant. The inspection was informational in nature to collect the facts necessary to assess offsite impacts.

Inspection Date: August 10, 2007; Report Date: August 14, 2007
Page 2 of 2
M/035/002

Inspector's Signature  Date: 8/16/2007

TM:pb

cc: Vickey Peacey
Attachment: Photos

P:\GROUPS\MINERALS\WP\M035-SaltLake\M0350002-BinghamPit\inspections\08102007-insp.doc



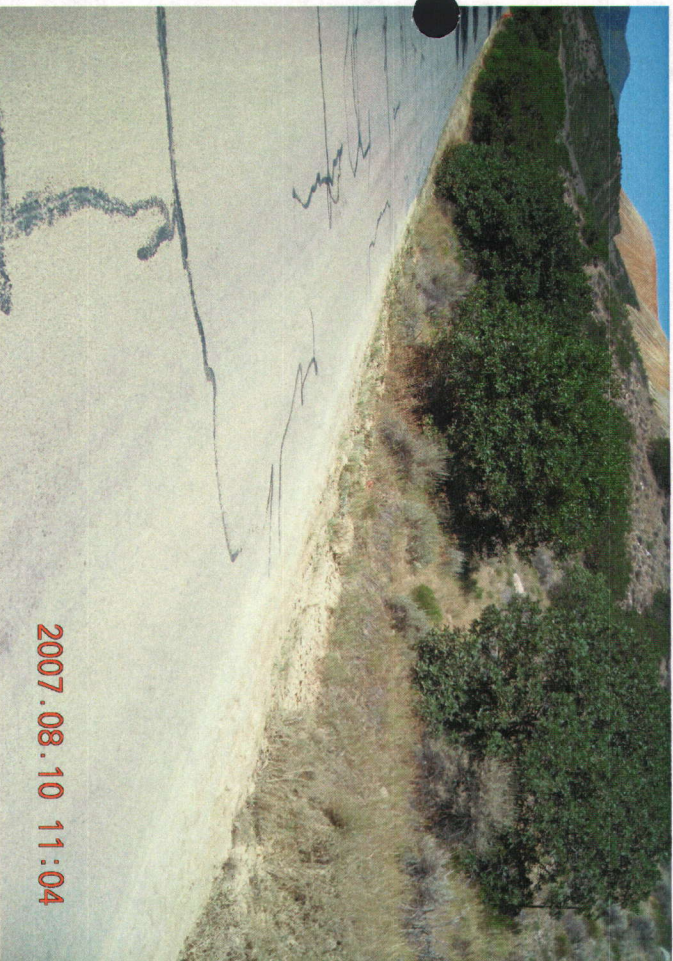
2007.08.10 11:08

ROAD AITCH



2007.08.10 11:08

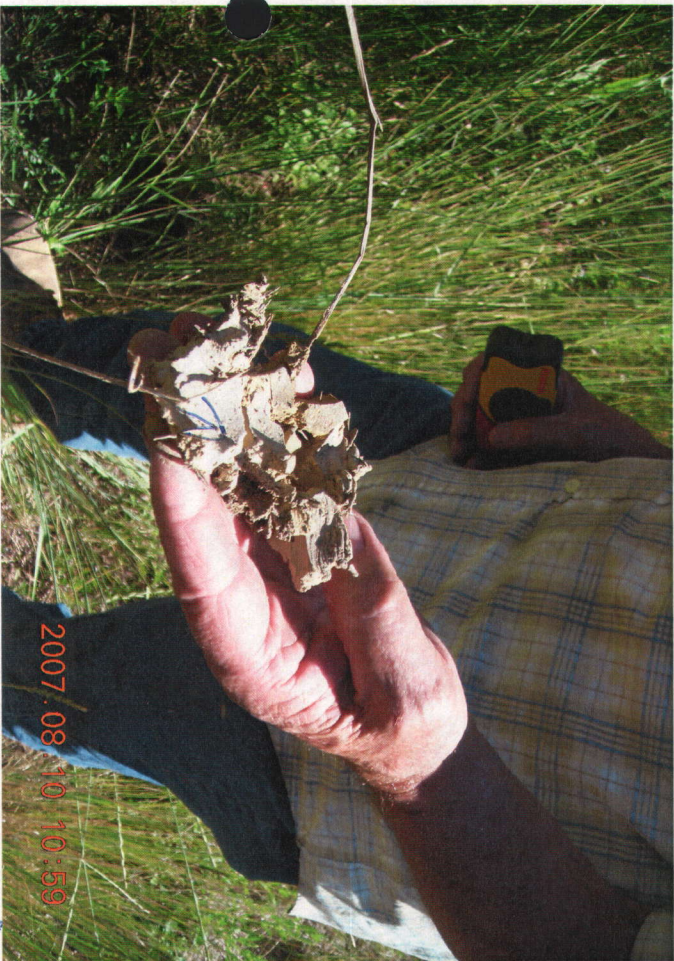
EXIT AREA YOSEMITE DRAINAGE



2007.08.10 11:04



2007.08.10 11:08



2007.08.10 10:59

SUPPOSED MINE DUMP MATERIAL BUT BECAME GREEN



2007.08.10 10:58



2007.08.10 11:04

COMP
CIVILIAN TRAINING AREA
BUTTERFIELD



2007.08.10 11:03

DEPOSITION OF MINE
WASTE BECOMES CIVILIAN

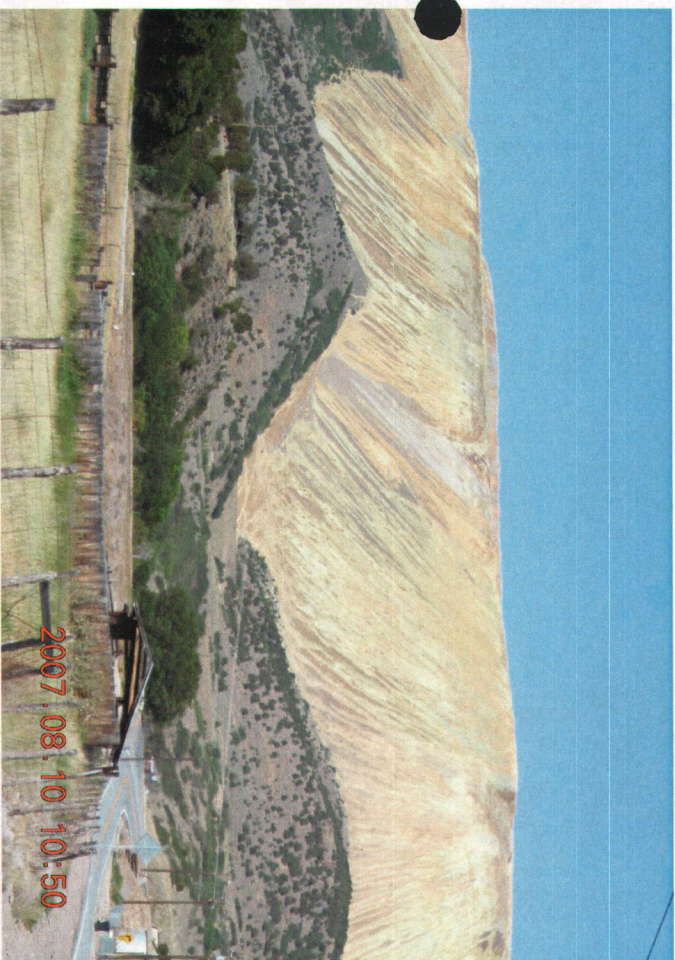


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PITCH LEADING TO BUTTERFIELD CREEK



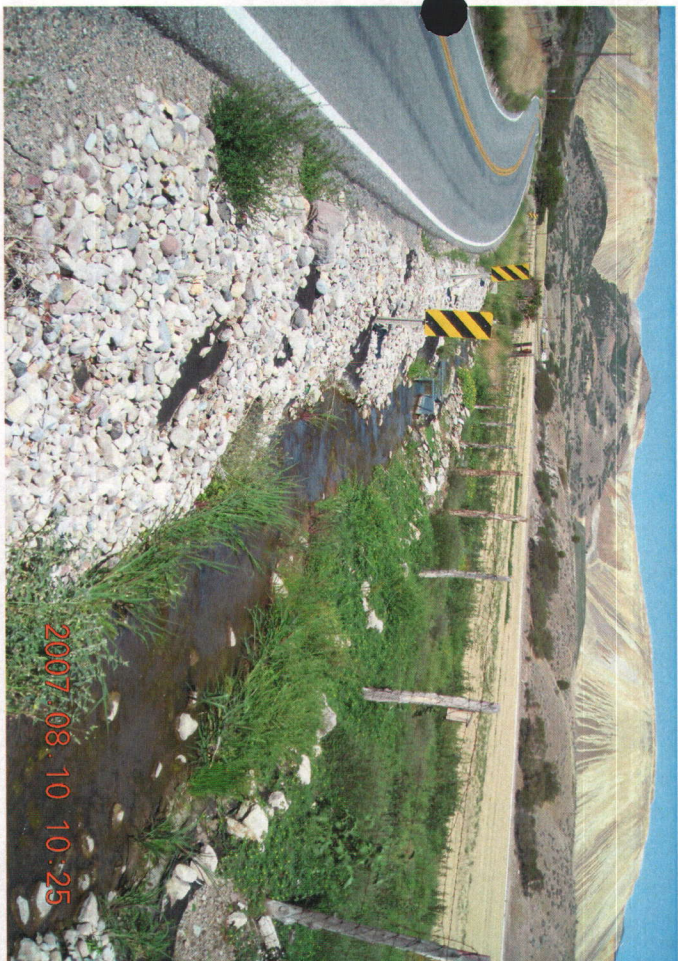
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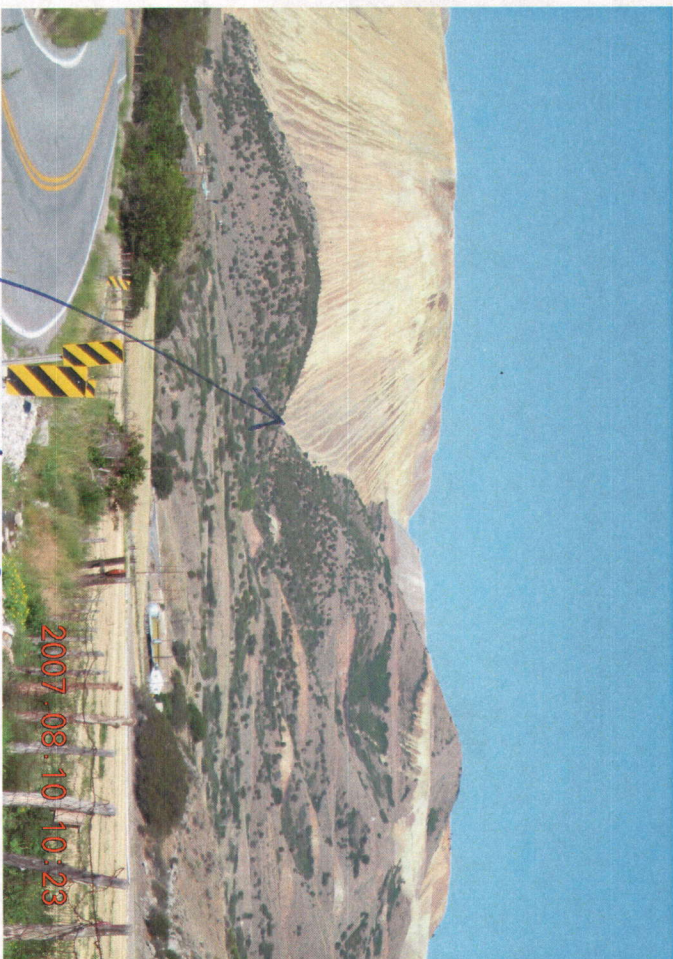
BUTTERFIELD CANYON
DUMPS

OPEN DITCH - BUTTERFIELD CREEK



SOME EVIDENCE OF MUD DEPOSITION



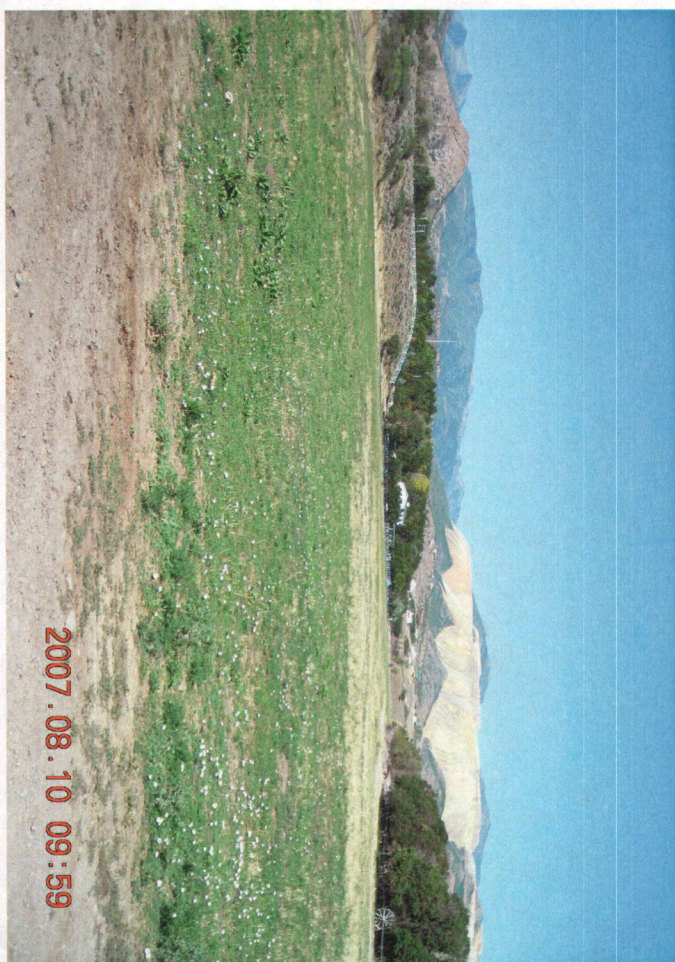
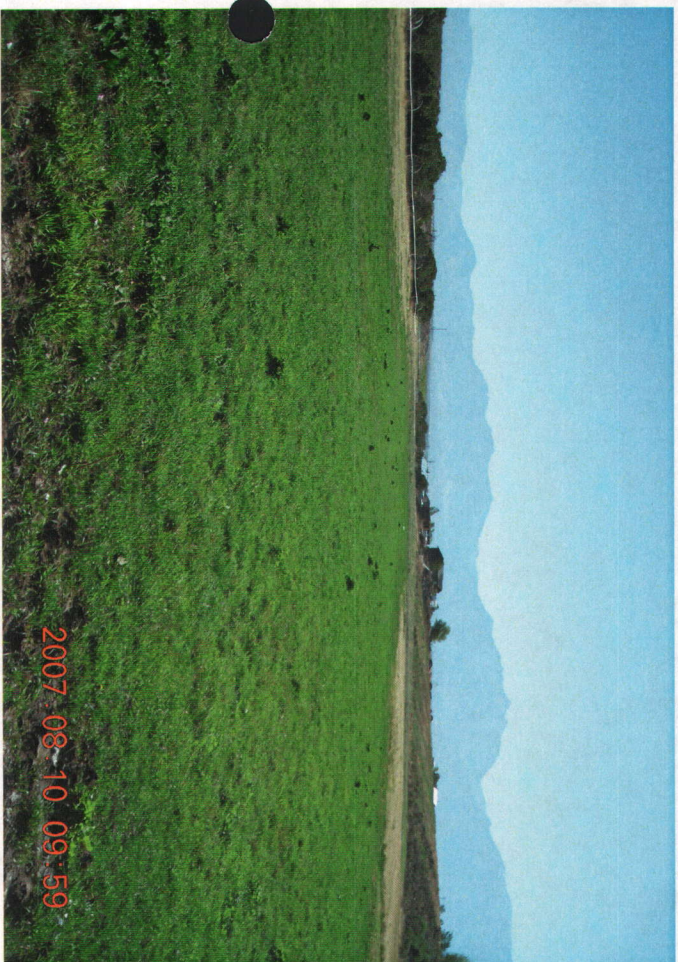


405050175 DRAINAGE

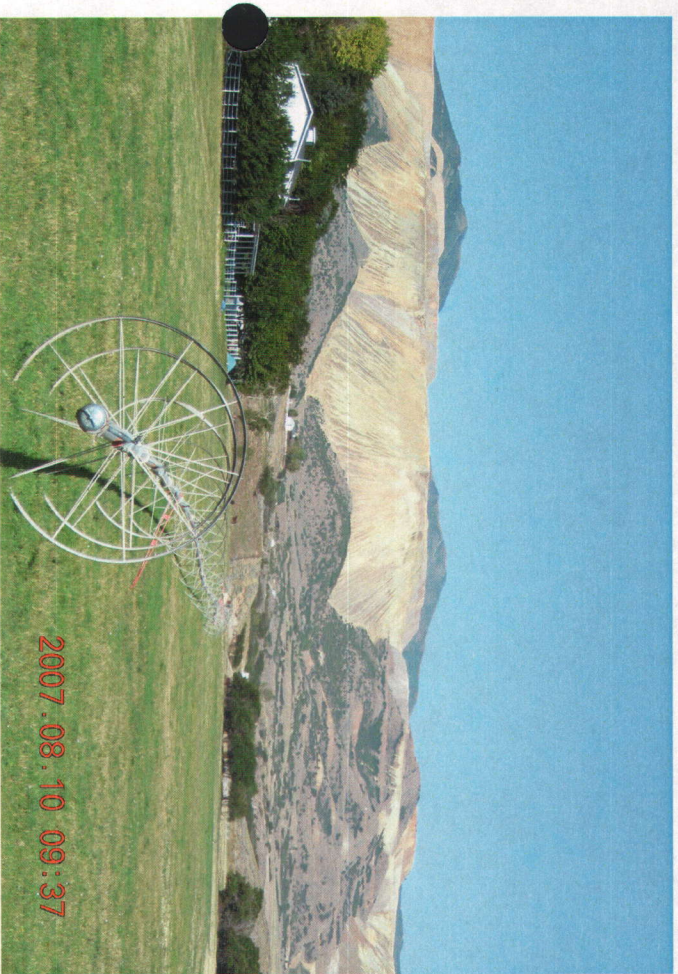


BUTTERFIELD ENTRAINING

COVER



MR. DAVIS'S FARM



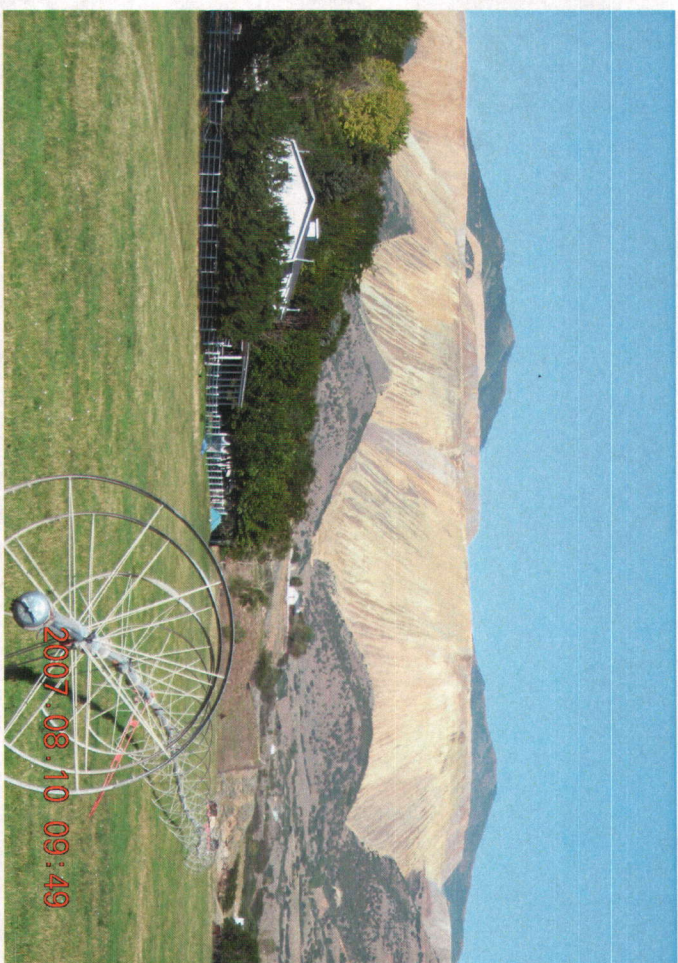
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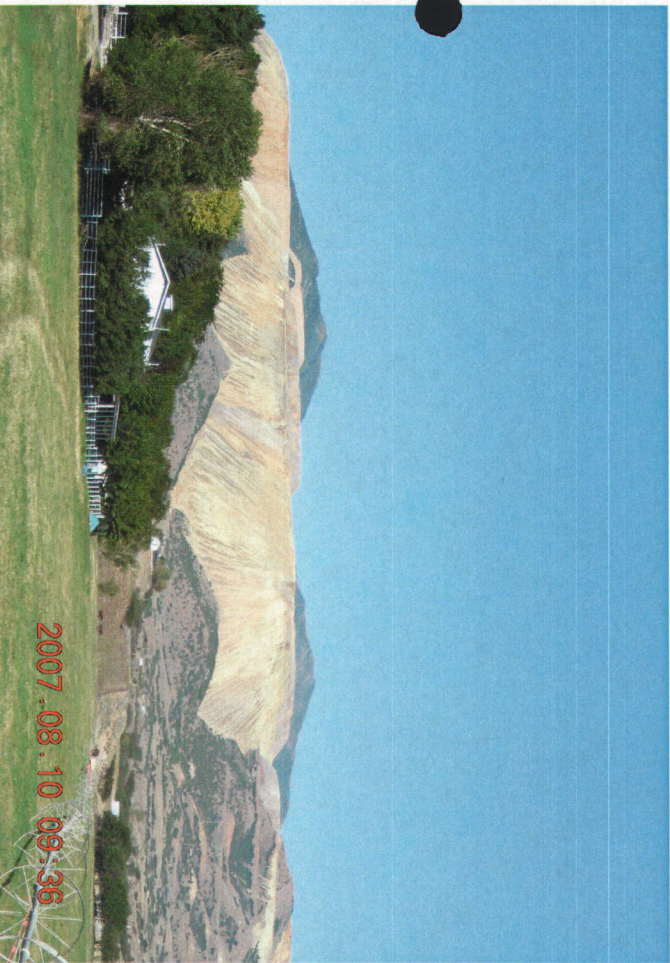


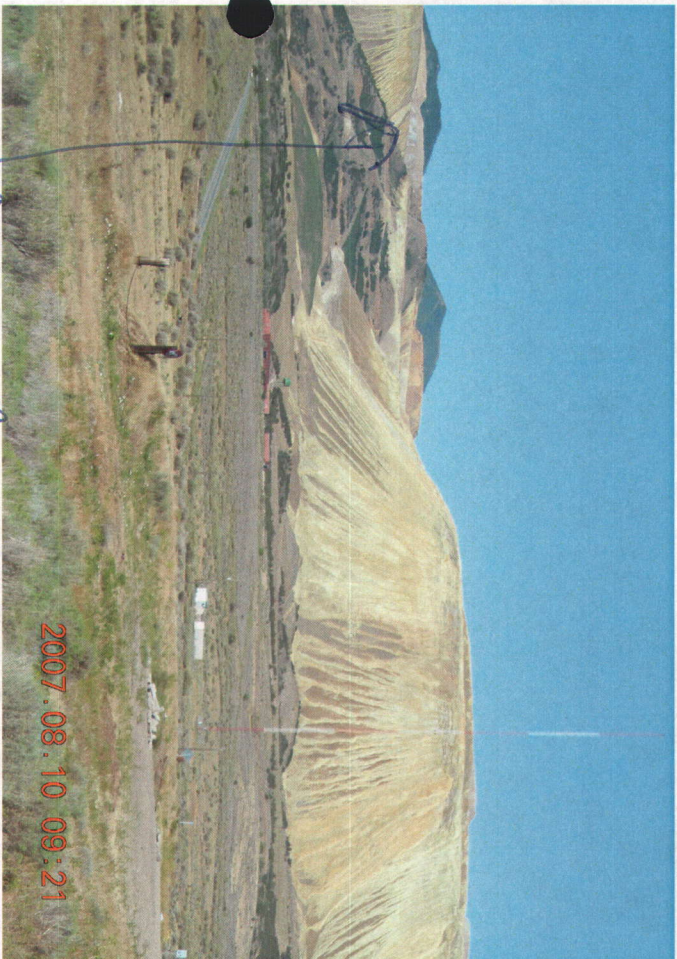
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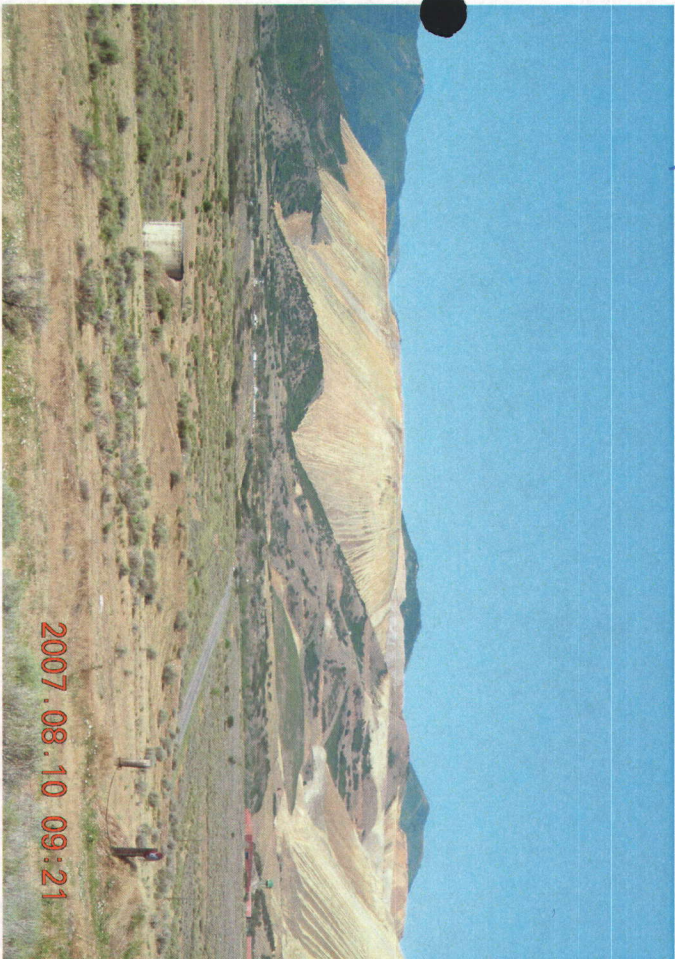
SUPPOSED SEDIMENT (MINE WASTE)



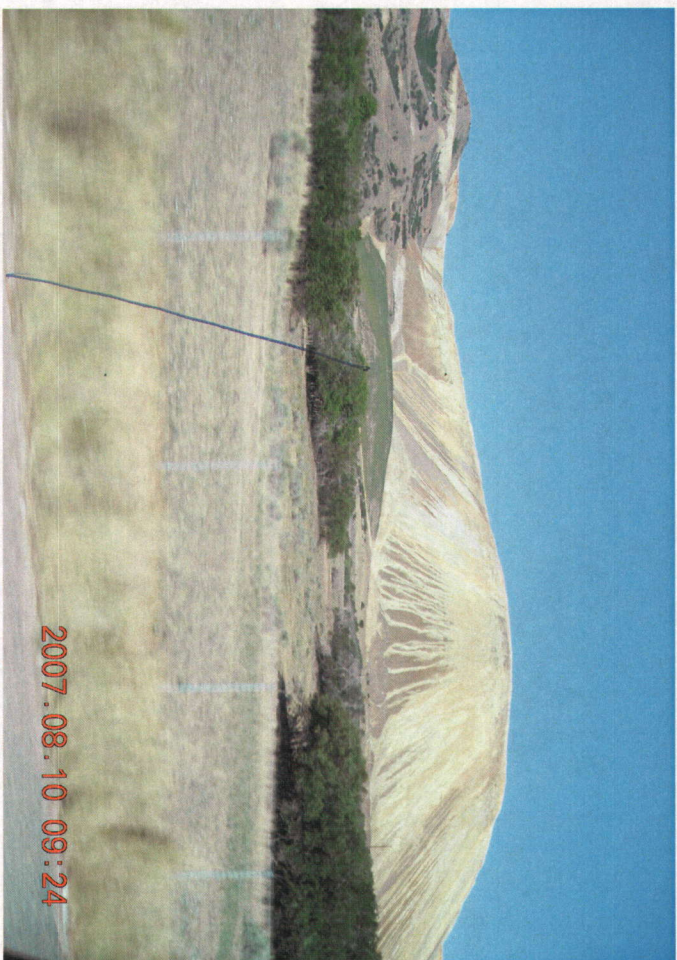


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Bulma Road

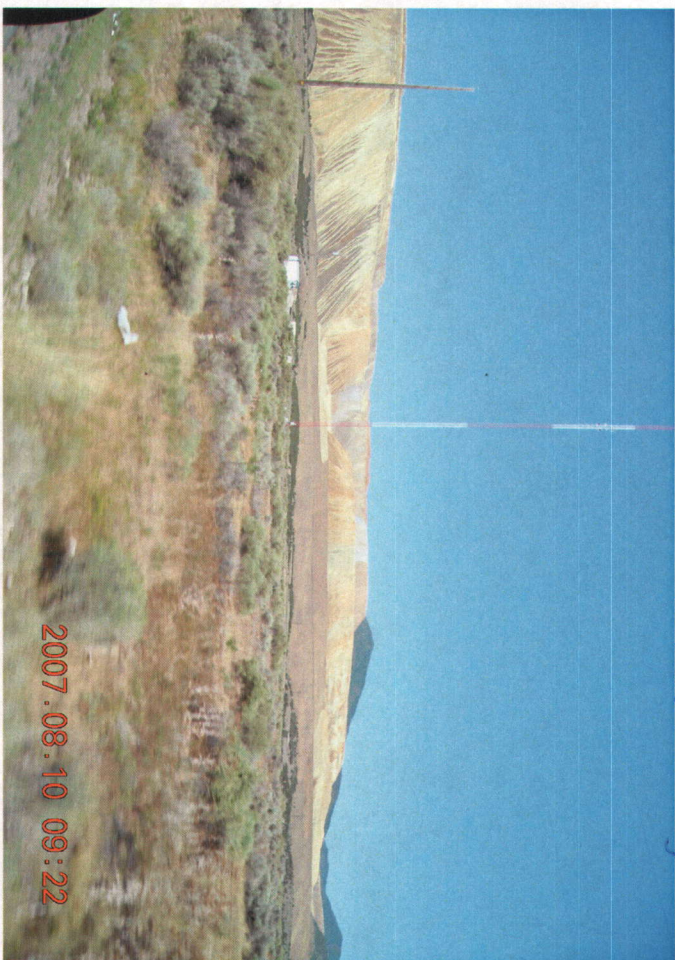


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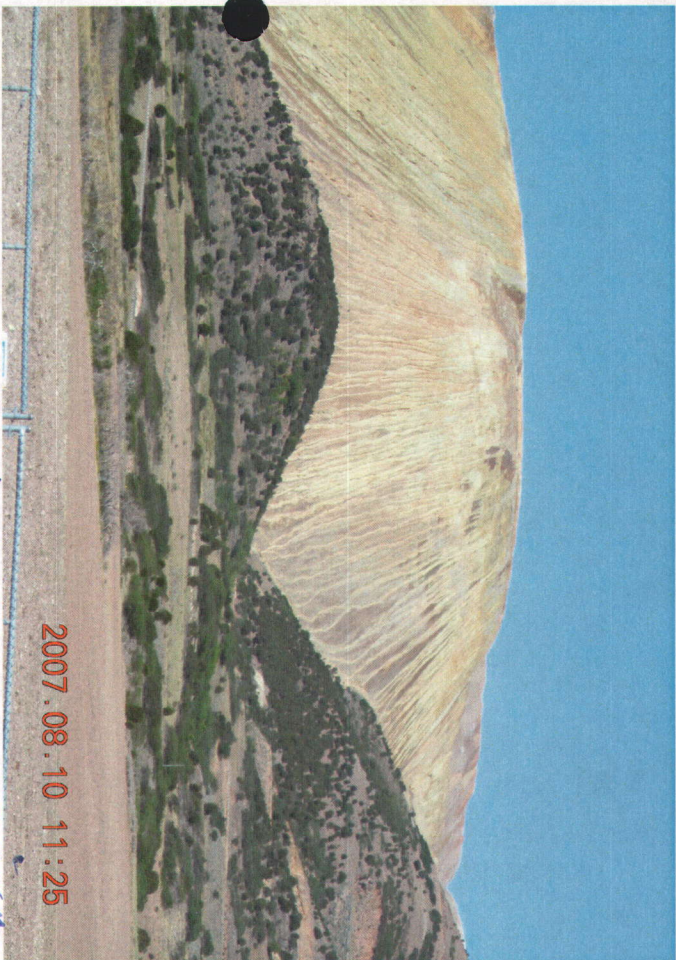


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COPPER MOUNT REPOSITORY

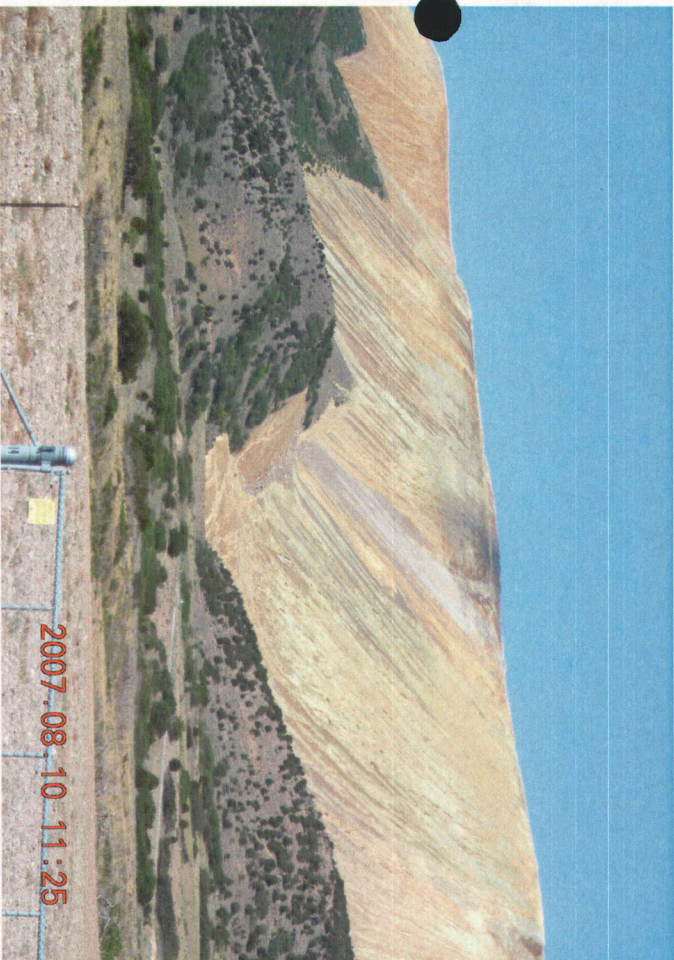


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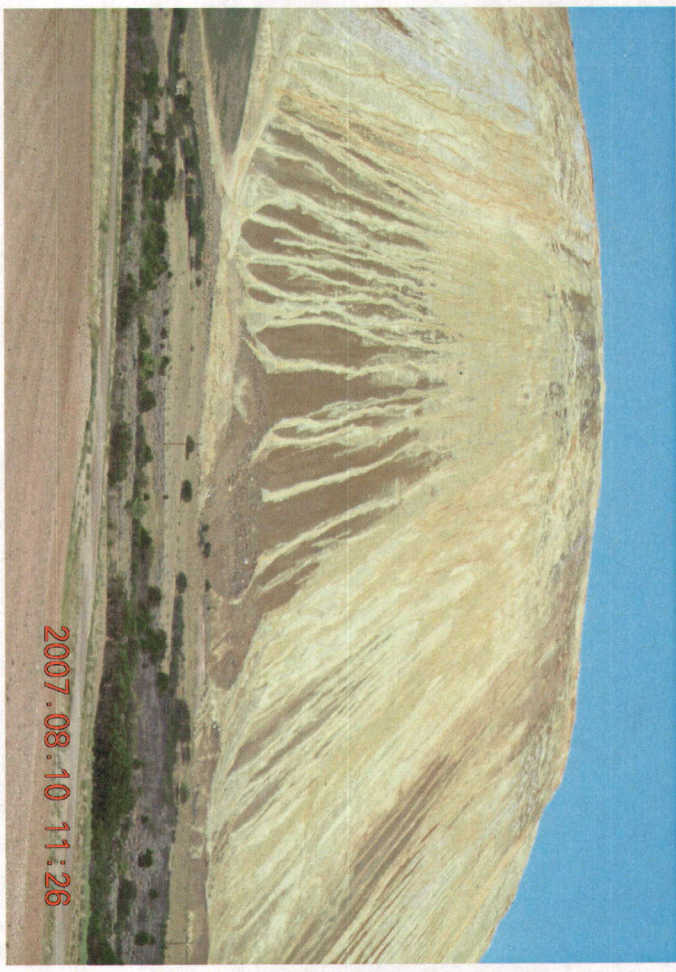


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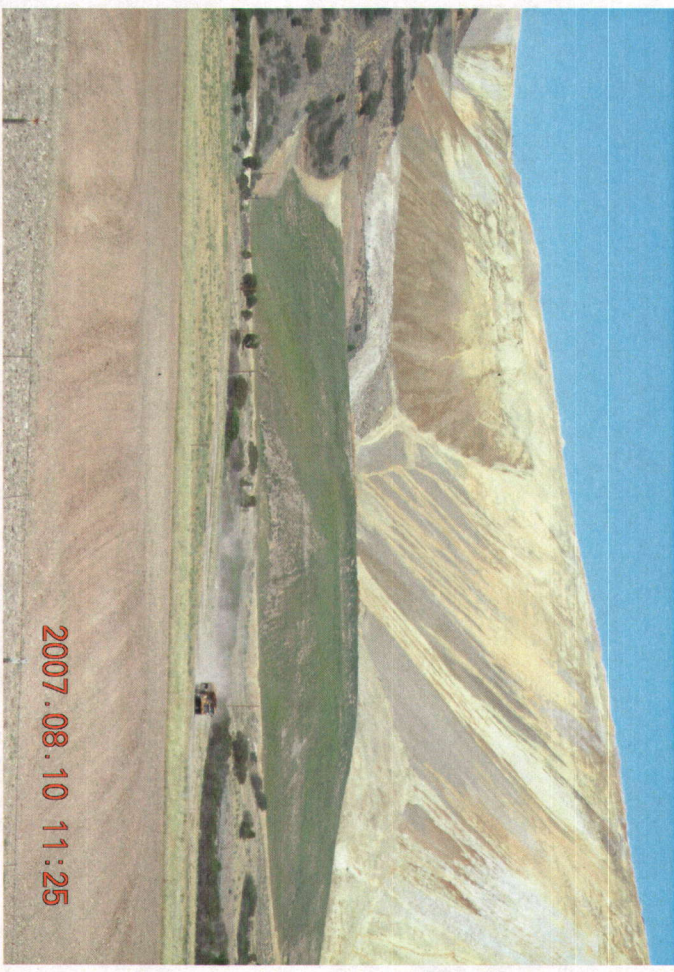
WOSGITE OUMP + DRAHMAE



2007.08.10 11:25

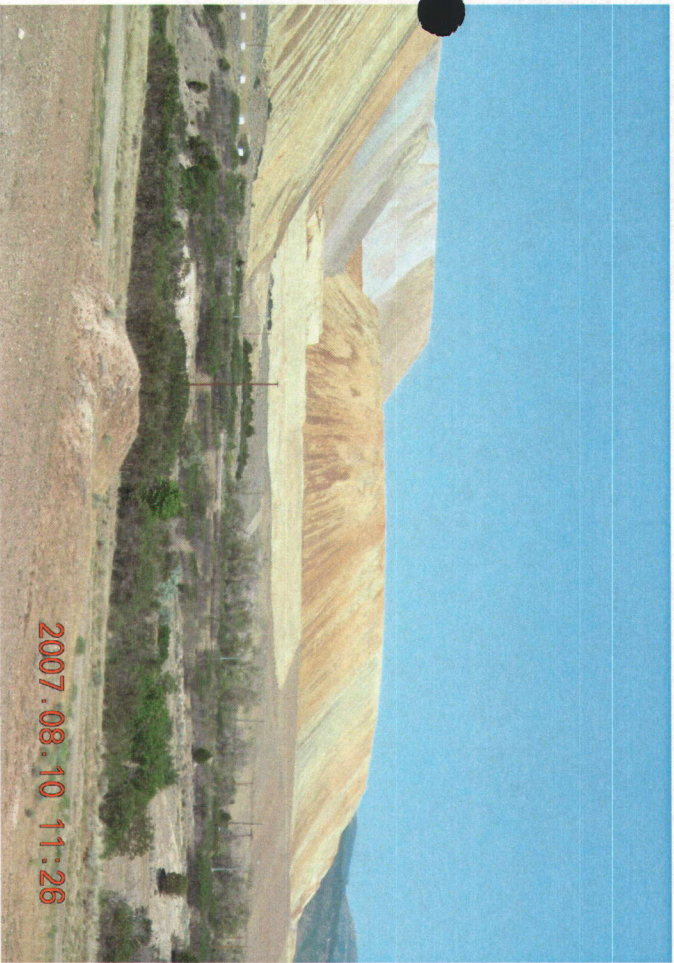


2007.08.10 11:26



2007.08.10 11:25

COPPER NORTH
REPOSITARY



2007.08.10 11:26